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ANTIFOULING PAINT FOR INFLATABLE BOATS

TECHNICAL BULLETIN 133 5/06

- *ABLATIVE FINISH REDUCES COATING BUILDUP THROUGH CONTROLLED EROSION.*
- *WATER BASED TECHNOLOGY FOR EASY APPLICATION AND CLEANUP*
- *COMPLIES WITH ALL AIR POLLUTION (VOC) REGULATIONS*
- *CONTAINS PTFE WHICH REDUCES DRAG, RESULTING IN AN EASILY BURNISHED, SLICK FILM FOR MAXIMUM SPEED.*

GENERAL DESCRIPTION Antifouling Paint for Inflatable Boats is a waterbased antifouling bottom coating designed to give protection against algae, barnacles and all types of marine and fresh water fouling. It's waterbased formula results in an effective product that is easy to apply, environmentally responsive (exceeds even the most stringent air pollution regulations) and is safer to use. It withstands frequent trailering, beaching and launching while offering excellent antifouling protection and resistance to cracking, peeling and flaking.

APPLICATION INFORMATION Antifouling Paint for Inflatable Boats contains cuprous oxide. As a result, there is a tendency for settling to occur, especially if the paint has been on the shelf for several months. It is necessary to thoroughly mix the paint before using. If possible, shake the can of paint on a mechanical paint shaker. Before using, check the sides and bottom of the can to make sure all the pigment has been mixed in. If mixing is going to be done with a wooden paddle or an electric drill mixer, pour off half of the liquid from the top of the can into another can and then properly mix in any settled pigment; then remix the two parts together thoroughly. Adhere to all application instructions, precautions, conditions, and limitations to obtain optimum performance. Refer to individual labels and tech sheets for detailed instructions when using associated products, etc. When spraying, do not thin this product more than 10% (12 ounces per gallon) or inadequate paint film thickness will occur and premature erosion of the finish will be likely.

SURFACE PREPARATION Coating performance, in general, is proportional to the degree of surface preparation. Follow recommendations carefully, avoiding shortcuts. Inadequate preparation of surfaces will virtually assure inadequate coating performance.

MAINTENANCE No antifouling paint can be effective under all conditions of exposure. Man made pollution and natural occurrences can adversely affect antifouling paint performance. Extreme hot and cold water temperatures, silt, dirt, oil, brackish water and even electrolysis can ruin an antifouling paint. Therefore, we strongly suggest that the bottom of the boat be checked regularly to make sure it is clean and that no growth is occurring. Lightly scrub the bottom with a sponge or very soft brush to remove anything from the antifouling paint surface. Scrubbing is particularly important with boats that are idle for extended periods of time. The self-cleaning nature of the coating is most effective when the boat is used periodically. Burnishing of the surface to create a slicker finish should be done with 400-600 grit wet-or-dry paper after the coating has dried for seven (7) days.

PHYSICAL DATA

VEHICLE TYPE...Waterbased Emulsion
COMPOSITION...40.34% Cuprous Oxide
FINISH...Flat
COLOR...1841 Black
COMPONENTS...1
CURING MECHANISM...Solvent Release
SOLIDS (theoretical)
By weight...73+2%
By volume...40+2%
COVERAGE...430 sq. ft./gal.
VOC...150 g/l max. (1.25 lbs/gal)
FLASH POINT...None

APPLICATION DATA

METHOD...Brush, roller, airless or conventional spray.
NUMBER OF COATS...2 minimum with additional coat at waterline recommended.
DRY FILM THICKNESS PER COAT...1.5 mils (3.75 wet mils)
APPLICATION TEMP...50° F. Min. / 90° F. Max.
APPLICATION HUMIDITY...0% Min. / 85% Max.
DRY TIME (Hours)

	To Touch	To Recoat	To Launch
90° F.	1/4	1	12
70° F.	1/2	2	16
50° F.	1	4	48

Do not apply if temperature will fall below 50°F within 6 hours of application. There is no maximum drying time before launching.

THINNER...Water or 150 Easy Brush Additive

ASSOCIATED PRODUCTS

97 Epoxy Thinner
120 Brushing Thinner

APPLICATION NOTES

Antifouling Paint for Inflatable Boats is very easily applied by brush, roller or spray. When rolling, the following technique will help ensure a smoother finish: Thin the paint approximately 5-10% with clean fresh water. Then wet the surface to be painted thoroughly with clean fresh water as well. This aids the “hold out” of the coating, resulting in a truer color and smoother finish. Slight variations in color and surface texture are not uncommon and should not be viewed with dismay. The surface quickly smoothes itself once in the water and any mottling of the color will diminish as well.

SYSTEMS

Rubberized Fabric Surfaces: Wash the rubberized fabric surfaces to be painted with a mild detergent and water solution. Rinse thoroughly with copious amounts of clean, fresh water and allow to dry thoroughly. Pour a moderate amount of Pettit 97 Epoxy Thinner onto a bronze wood pad. Choose a small area on the surface to be painted and scrub the surface lightly but thoroughly, making sure the surface is completely wetted by the 97 Epoxy Thinner. Wipe off any excess 97 Epoxy Thinner with a clean rag before it is allowed to dry and repeat the process until the entire surface to be painted has been scrubbed and wiped clean. NOTE: If the 97 Epoxy Thinner is spilled or runs down the side of the inflatable, wipe up the spill or runs immediately. While the 97 Epoxy Thinner is generally safe on most surfaces, it may dull the gloss of paint or mar the surface of the inflatable if allowed to remain in contact with the surface.

To facilitate the scrubbing process, the Pettit 97 Epoxy Thinner may be poured into a small container and the bronze wool pad dipped into it. Change the 97 Epoxy Thinner frequently to avoid using excessively dirty or contaminated material. Spent material should be disposed of, not reused.

Once the surface to be painted has been properly prepared, apply a generous coat of Antifouling Paint for Inflatable Boats. Allow the paint to dry to recoat and apply a second full coat. Consult the dry to recoat/dry to launch time-temperature chart above for specific recoat and launch times.

Fiberglass Surfaces: Wash the fiberglass with Pettit 97 Epoxy Thinner to remove parting agents, grease and dirt. Sand thoroughly with 80 grit sandpaper to a dull, frosty finish. Rewash the sanded surface with 97 Epoxy Thinner and then apply at least two coats of Antifouling Paint for Inflatable Boats. Please note that acetone does not readily clean contaminated surfaces and its use as a cleaner/dewaxer is not recommended.

Previously Coated Surfaces: To repaint surfaces painted with this product, scrub the finish with an abrasive pad and recoat with a fresh coat of Antifouling Paint for Inflatable Boats. To paint old, hard antifoulings, thoroughly wipe down the surface with 120 Brushing Thinner, paying particular attention to waterline areas, then sand painted surface with 80 grit sandpaper. Wipe clean of sanding residue with 120 Brushing Thinner and apply Antifouling Paint for Inflatable Boats. Old tin or copper copolymers or Teflon based antifoulings should be sanded thoroughly with 80 grit sandpaper to remove the chalky outer surface, wiped clean of sanding residue, and then may be overcoated directly with Antifouling Paint for Inflatable Boats. Traditional, soft antifoulings should be removed before applying Antifouling Paint for Inflatable Boats.

NOTE: All antifouling paints may leave a stain if left in contact with other objects. Please remember this if you pull the boat out of the water for storage on deck or on a dock. Clothing, deck surfaces, etc. may all experience staining if rubbed against the antifouling paint.

DO NOT USE THIS PRODUCT ON ALUMINUM HULLS, OUTDRIVES OR LOWER UNITS.